

M 4.8, 8km ESE of Deep Springs, CA

Origin Time: 2022-01-06 00:28:06 UTC (Wed 16:28:06 local)

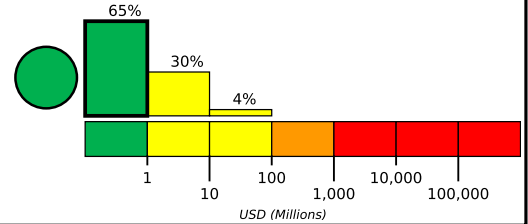
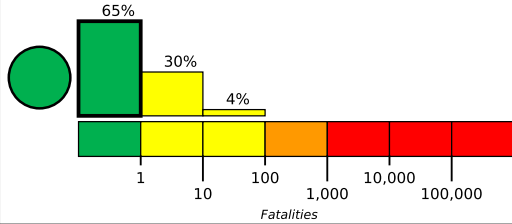
Location: 37.3226° N 117.8991° W Depth: 10.7 km

Created: 3 weeks, 6 days after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

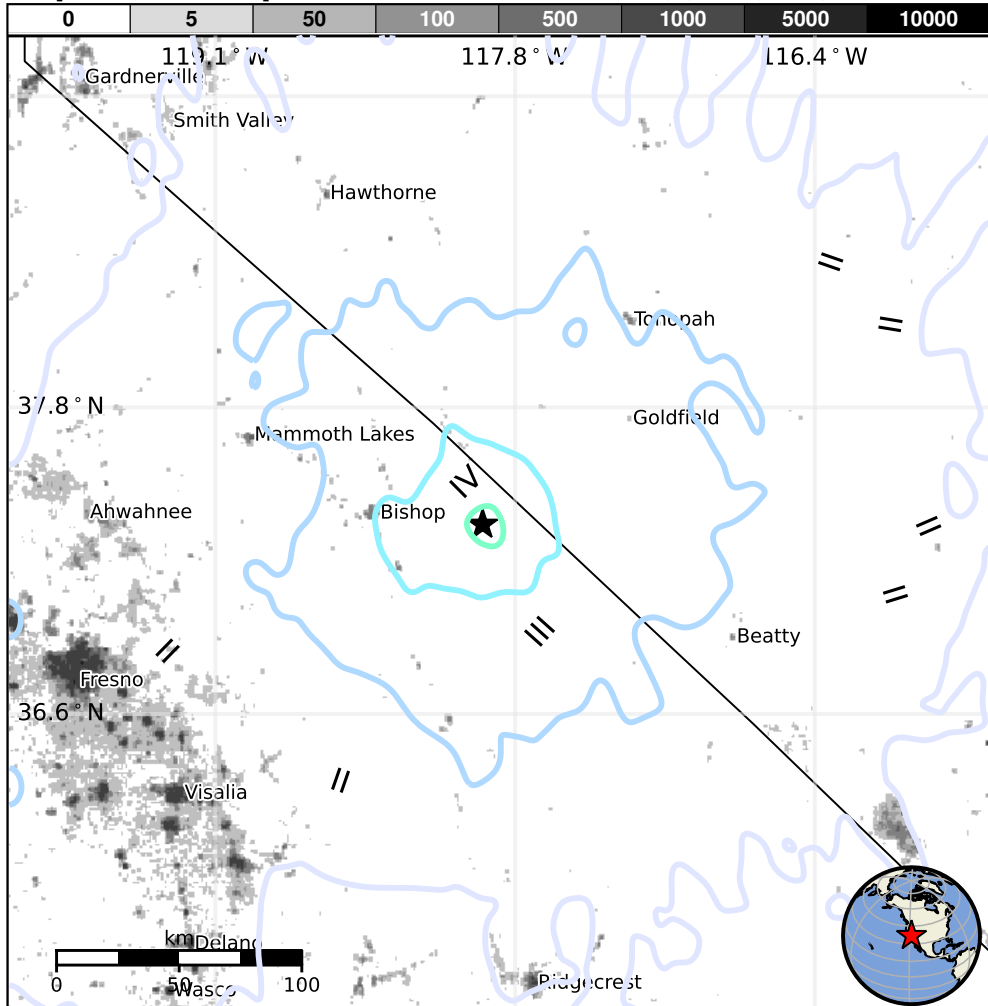


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	85k*	1,967k	9k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1991-06-28	343	5.6	VI(1,267k)	1
2003-12-22	340	6.6	VI(8k)	2
1971-02-09	327	6.6	IX(21k)	65

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Big Pine	2k
IV	Bishop	4k
IV	Dixon Lane-Meadow Creek	3k
IV	West Bishop	3k
III	Lone Pine	2k
III	Goldfield	0
III	Madera	61k
II	Visalia	124k
II	Clovis	96k
II	Fresno	495k
II	Tulare	59k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/nc73674211#pager>

bold cities appear on map.

(k = x1000)

Event ID: nc73674211